PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

F22

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	(Form PCT/ISA/220) on wall on whom conflictable them 5 below			
27676-2/P12	ACTION			
International application No.	International filing date (da	y/month/year)	(Earliest) Priority Date (day/month/year)	
PCT/US 99/28911	06/12/19	99	01/10/1997	
Applicant				
ARMSTRONG, Brad, A.				
This international Search Report has been according to Article 18. A copy is being tra	n prepared by this internation unamitted to the international	ial Searching Auth Bureau	ority and is transmitted to the applicant	
This international Search Report consists It is also accompanied by	of a total of3 a copy of each prior art docu	sheets. Iment cited in this r	report.	
Besis of the report				
 a. With regard to the language, the i language in which it was filed, unit 	international search was carri ses otherwise indicated unde	led out on the basi or this Item.	is of the international application in the	
the international search was Authority (Rule 23.1(b)).	as carried out on the basis of	a translation of the	e international application furnished to this	
Mas carried ont on the pasts of the	e sequence listing :		remational application, the international search	
	nal application in written form			
	mational application in compu		•	
	this Authority in written form.			
	this Authority in computer rea		ee not go beyond the disclosure in the	
international application as	filed has been furnished.			
the statement that the infor	mation recorded in computer	r readable form le i	identical to the written sequence listing has been	
2. Certain claims were foun	nd unsearchable (See Box I)) .		
3. Unity of invention is lack	ing (see Box ii).			
4. With regard to the title,				
the text is approved as sub	• ••			
the text has been establish	ned by this Authority to read a	is follows:		
			. •	
5. With regard to the abstract.				
T the text is approved as sub	mitted by the applicant.			
the text has been establish	ned, according to Rule 38.2(b)), by this Authority donal search repo	as it appears in Box III. The applicant may, rt, submit comments to this Authority.	
6. The figure of the drawings to be public	shed with the abstract is Figu	re No.	· <u>1</u>	
as suggested by the applic	ant.		None of the figures.	
because the applicant falle	d to suggest a figure.			
because this figure better o	haracterizes the invention.			

INTERNATIONAL SEARCH REPORT

International Application No PCT/US 99/28911

A CLASSI IPC 6	IFICATION OF SUBJECT MATTER H01H13/70			
According to	o international Patent Classification (IPC) or to both national classifi	cation and IPC		
	SEARCHED .			
Minimum do IPC 6	ccumentation searched (classification system followed by classification H01H	tion symbole)		
	tion searched other than minimum documentation to the extent that			
Electronic di	ata base consulted during the international search (name of data b	ase and, where practical,	search terms used)	
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the re	levant passages	Relevant to	o claim No.
Y	EP 0 451 676 A (NOKIA UNTERHALTUNGSELEKTRONIK) 16 October 1991 (1991-10-16) column 5, line 40 - line 55		1-19	
Υ	DE 35 43 890 A (THOMSON BRANDT GI 19 June 1987 (1987-06-19) column 3, line 58 -column 4, line		1-19	·
A	US 3 806 471 A (MITCHELL R) 23 April 1974 (1974-04-23) cited in the application abstract		1	
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		-,		
X Furth	er documents are listed in the continuation of box C.	X Patent family m	nembers are listed in annex.	
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance. "E" earlier document but published on or after the international filing date. "L" document which may throw doubts on priority claim(e) or which is cited to eatablish the publication date of another citation or other special reason (as specified). "O" document referring to an oral disclosure, use, exhibition or other means. "P" document published prior to the international filing date but later than the priority date claimed. "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. "X" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone document referring to an oral disclosure, use, exhibition or other means. "B" document member of the same patent family.				
Date of the a	ctual completion of the International search	Date of mailing of th	ne international search report	
6	March 2000	15/03/20	000	
Name and m	alling address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijewijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3018	Authorized officer Libbered	ht, L	

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C.(Continue	ition) DOCUMENTS CONSIDERED TO BE RELEVANT	T/US 99/28911
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